



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF  
5HE-12

JUN 10 1985

Sam McWilliams  
Plant Manager  
Ethyl Petroleum Additives  
Sauget, Illinois 62201

Dear Mr. McWilliams:

This letter is in regards to a telephone conversation between Jim Sparks of Ethyl Petroleum Additives; Dan Hopkins, U.S. EPA; and myself on May 30, 1985. The results of the February 1985 dioxin sampling at proposed construction areas throughout the plant were discussed. These results were transmitted to Dan Hopkins by your letter of May 17, 1985.

Based on the sample results, the areas south of 700 N (Second Street) and east of 600E will no longer require soil sampling and analysis prior to construction or demolition activities. It should also be noted that equipment mobilization for these activities must also remain in these boundaries. 2,3,7,8 - TCDD was not detected in samples taken from these areas.

U.S. EPA now considers the following plant area to be significantly contaminated until further 2,3,7,8 - TCDD sample results are received: From 700N (east border) to 1100 N (west border) and from 200 E (north border) to 600E (south border).

Approval to proceed with the expansion of the Compressor Building NT is also granted. The preparatory work and steps to be taken to mitigate the release or spread of 2,3,7,8 - TCDD contaminated soil outlined in the April 26, 1985, correspondence to Dan Hopkins from James Sparks is to be implemented. A hot-line should be established just north of the concrete pad that is to be used for decontamination. Equipment that is considered clean should not be allowed to trek through the significantly contaminated area described above. I will appreciate your notifying me when this work is scheduled to begin as I wish to arrange a site visit during this time.

In regards to the NC Building expansion, I want to review the latest 2,3,7,8-TCDD sampling results for the significantly contaminated area before making a decision. These results have not been received in this office to date. I also want to be assured that the expansion will not affect the concrete pad north of Building NC that will be used for a decontamination area.

If you have any questions, please call me at (312) 886-6541.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicholas J. Longo". The signature is written in a cursive, flowing style.

Nicholas J. Longo  
Hydrologist